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Patent Application for:

OPTIMUM DESIGN METHOD AND APPARATUS, AND PROGRAM FOR THE SAME

Attorney Docket No.: <u>CFA00040US</u>

Application No.: 10/735,143

## Documents included in this correspondence:

Transmittal Form PTO/SB/21: 1 page

Information Disclosure Statement PTO/SB/08A, Cited reference with English Abstract: 74page(s)

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Date

CHI LAI

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## N THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Teruyoshi Washizawa

**Application No.:** 10/735,143

**Filed:** 12/11/2003

For: OPTIMUM DESIGN METHOD

AND APPARATUS, AND PROGRAM FOR THE SAME

**Examiner:** Unknown

**Art Unit:** 2825

**Confirmation No.:** 3510

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR § 1.97 and § 1.98

Sir:

In compliance with the duty of disclosure under 37 C.F.R. §1.56 and in accordance with the practice under 37 C.F.R. § 1.97 and §1.98, the references cited on attached form PTO/SB/08 are being called to the attention of the Examiner. In accordance with 37 CFR §1.98(a)(3)(ii), a copy of the Japanese document with an abstract of a readily available translation of the Japanese reference is being provided. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the reference be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicants believe that <u>no fee is required</u> for submission of this statement, since it is being submitted prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 502456. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

Marlene Klein Reg. No. 43,718

Date: 9 20 05

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PTO/SB/08A (08-03) Approved for use through 07/31/2006. OMB 0651-0031

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Filing Date

Application Number

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

10/735,143 12/11/2003

Complete if Known

Teruyoshi Washizawa First Named Inventor Art Unit 2825 **Examiner Name** 

Unknown

(Use as many sheets as necessary) Sheet 1 of 1

Attorney Docket Number CFA00040US

			U. S. PATENT D	OCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		FORE	IGN PATENT DOCL	JMENTS		
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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449/PTO **Application Number** 10/735,143 INFORMATION DISCLOSURE **Filing Date** 12/11/2003 STATEMENT BY APPLICANT **First Named Inventor** Teruyoshi Washizawa Art Unit 2825 (Use as many sheets as necessary) **Examiner Name** Unknown Attorney Docket Number Sheet of 12 **CFA00040US** 

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Bulman, et al., "Comparisons between algorithms for structural topology optimization using a series of benchmark studies", Computers and Structures, 79, pp.1203-1218, 2001.	✓
		Hsu, et al., "Interpreting results from topology optimization using density contours", Computers and Structures, 79, pp.1049-1058, 2001.	<b>~</b>
		English translation and description for figures of Hiroshi Yamakawa, "Saitekika Dezain (Optimized Design)", Computation Mechanics and CAE Series 9, Baifukan Co., Ltd., 1993.	✓
		4. English translation of Fujii, Suzuki and Otsubo, "Topology Optimization of Structures Using Voxel Finite Element Method", Transactions of JSCES, Paper No. 200000010, 2000.	<b>\</b>
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Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.